

**North Carolina Department of Health and Human Services
Division of Mental Health, Developmental Disabilities and Substance Abuse Services**

NC-TOPPS

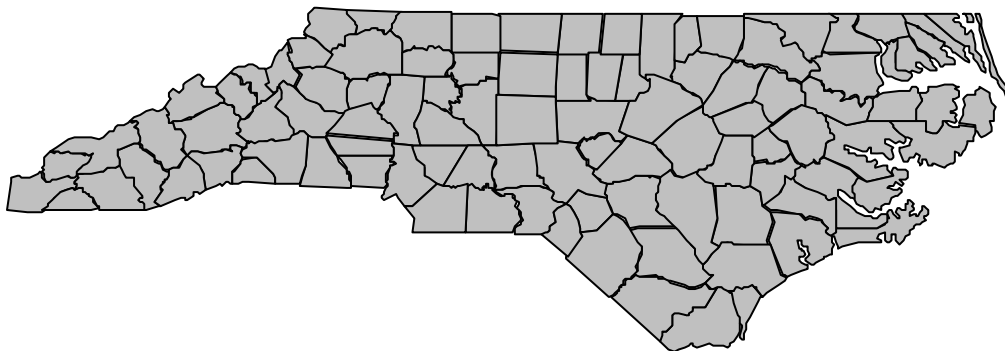
North Carolina Treatment Outcomes and Program Performance System

**Adolescent (12-17) Mental Health Consumers
Johnston LME**

Initial Interviews Matched to 3-Month Interviews

Initials Conducted: January 1, 2006 through December 31, 2006

Note: Includes matching Update Interviews through June 2007.



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July 2007



Matched Initial/Update Report

This feedback report is available to Local Management Entities, providers and the NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services on data gathered for mental health consumers through the North Carolina Treatment Outcomes and Program Performance System (NC-TOPPS). This report provides information gathered through the online NC-TOPPS Initial and Update (or Episode Completion) Interviews. It provides six or seven pages of charts, tables and text information on consumers' demographic characteristics, symptoms, behaviors and activities, service needs, supports and barriers, family and housing issues and outcome measures collected through an interview with the consumer during treatment. It should be noted that not every data element or response category on the NC-TOPPS Interviews are displayed in this report.

Please note that the charts and tables may not always match online queries that you may conduct. The data used in these reports will not necessarily reflect the same points in time. In addition, NDRI who produces these reports cleans the data and removes apparent duplicates prior to preparing the tables and charts.

Additional information about NC-TOPPS and pdf copies of the online NC-TOPPS interviews are located at:

<http://nctopps.ncdmh.net/>

General Information on Interpreting Tables

| | |
|---|---|
| Types of Statistics | <p>► A <u>count</u> shows the actual number (often designated by the letter "n") of clients.</p> <p>► A <u>percentage</u> is the number of clients with a characteristic or behavior divided by all the clients in the group of interest multiplied by 100. Percentages will be designated with a % sign next to the number.</p> <p>► An <u>average</u> is the sum of a set of numbers divided by the number of numbers in the set. When a number in a cell is an average, the word average will appear in the row descriptor.</p> <p>► A <u>median</u> is the middle number in a set of numbers, arranged from lowest to highest. For example, the median for the following numbers: 9, 12, 12, 15, 17, 20, 22, 23, 25, 28, 31, 35, 62 is the bolded number, 22. Medians are important measures of central tendency, especially when a mean may be skewed by a very high or very low value. When a number in a cell is a median, the word median will appear in the row descriptor.</p> |
| Missing Data | For many of the NC-TOPPS forms received, a particular item or question may have been left blank. In calculating the means, medians, and percentages in cells of questionnaire items, this missing data is excluded from the calculation. For example, program X may have submitted 50 assessments but in 2 of the assessments, gender was left blank. When the percent of males is calculated, the 25 males are shown as 52% ($25/48 \times 100$). |
| Denominator | The denominator for nearly all percentages is the number of cases shown on the bottom left of the page minus item missing data. All exceptions to this general rule are specifically noted with appropriate text in the graphic or table. This text will state which group is included or excluded from the denominator, such as "of those in the labor force" or "of those with children." |
| Multiple Response | "Multiple response" indicates a "mark all that apply" type question in which more than one response to a question is allowed. The total of responses may add to greater than 100%. Examples are health insurance or target population. This is in contrast to items such as gender where only a single response is allowed. |
| Time periods of behaviors measured | Behaviors are measured at several time periods including the past year, the past 6-months, the past 3-months, the past month, or since last interview. For the Initial Interviews, the time periods can generally be construed to mean the time period before treatment begins. For the Update Interviews the time is measured from the time at which the interview occurs back one month, 3-months, or since the last interview. |
| Definitions of terms | The Appendix at the end of the report gives definitions of acronyms, abbreviations, and other terms used in this report. |
| Notes: | Mental Health consumers who are also being treated for substance abuse (co-occurring) are included in this report. |

Johnston LME Adolescent Mental Health Consumers
Initial Interviews Matched to 3-Month Interviews
Initials Conducted January 1, 2006 through December 31, 2006

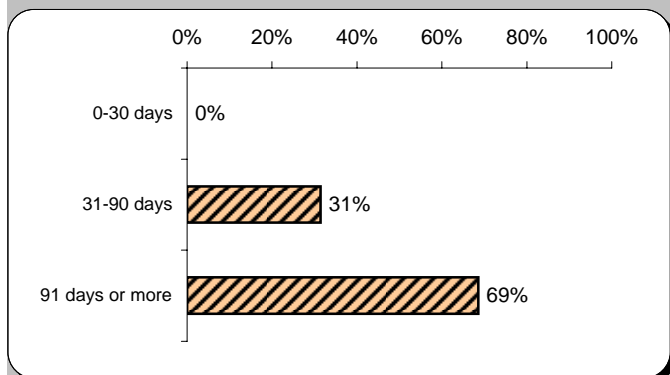
This table shows the number of matched consumers in this report by provider. This is the number of Initials done during the calendar year 2006 for whom there was a 3-month update interview conducted by June 30, 2007.

| Provider | City | ProviderID | Number |
|-------------------------------|------------|------------|--------|
| Johnston County Mental Health | Smithfield | 27 | 137 |
| Total | | | 137 |

Part I

Part I of this report includes descriptive information about the Initial Interviews Matched to 3-Month Interviews consumers. This information on the types of consumers, time in treatment, types of services needed and being rendered helps in understanding the behavioral changes shown in Part II and Part III of this report.

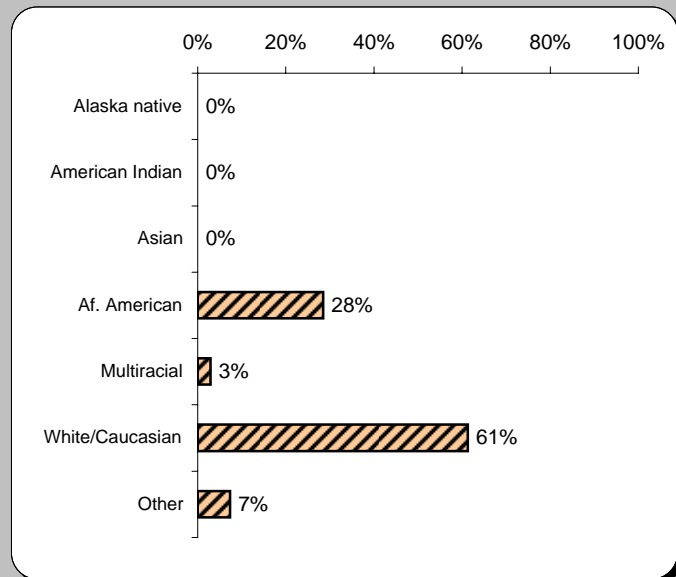
1-1: Days Between Initial and Update Interview



1-2: Gender

Among Johnston consumers, 61% are male, and 39% are female.

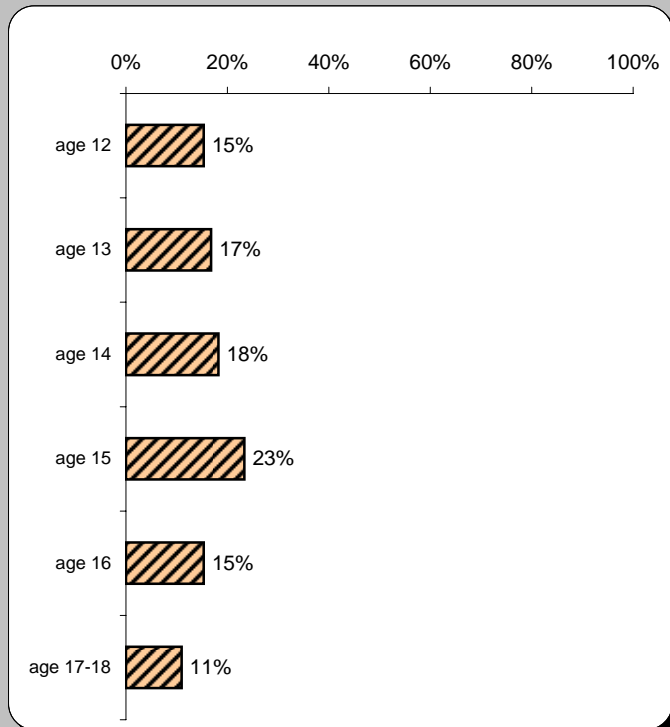
1-3: Race/Ethnicity



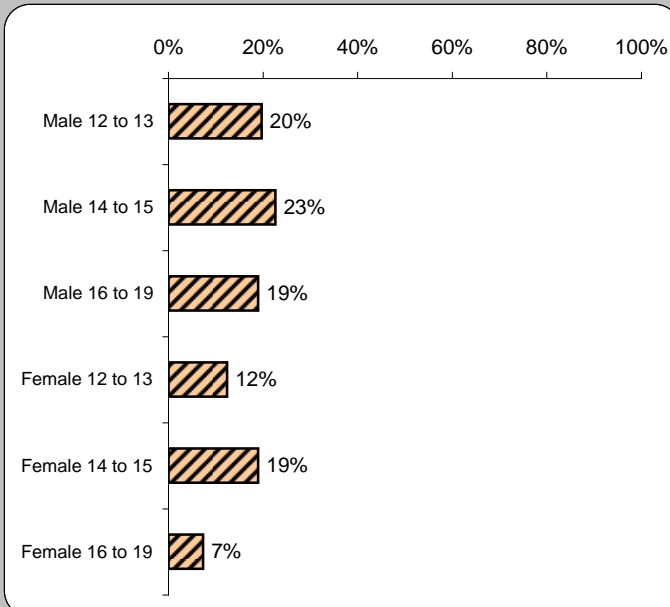
1-4: Hispanic

7% of Johnston consumers are Hispanic.

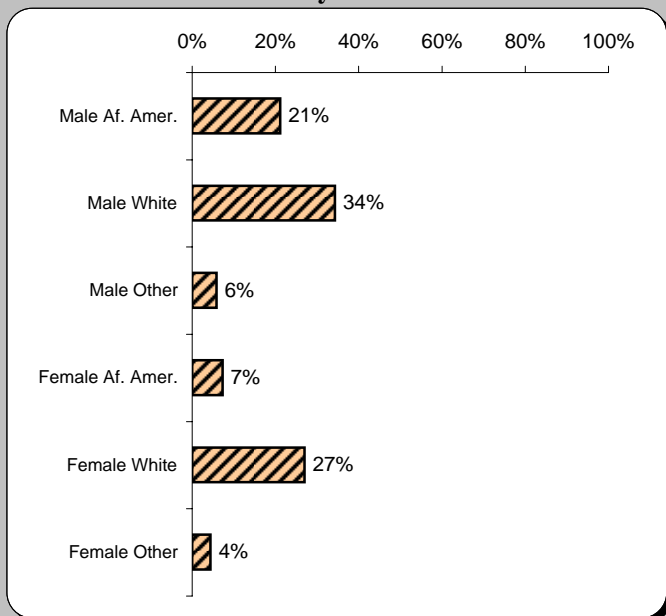
1-5: Age Group



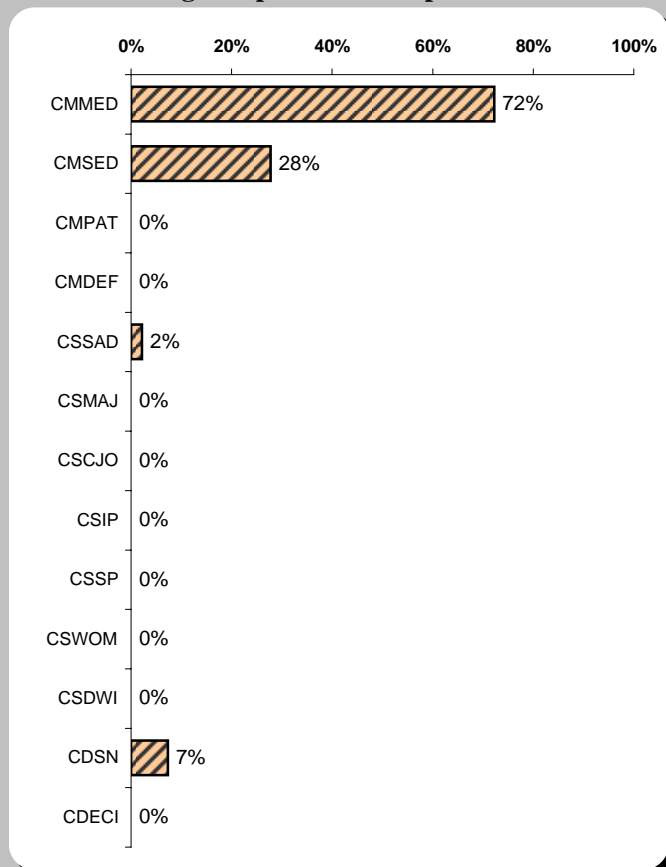
1-6: Gender and Age



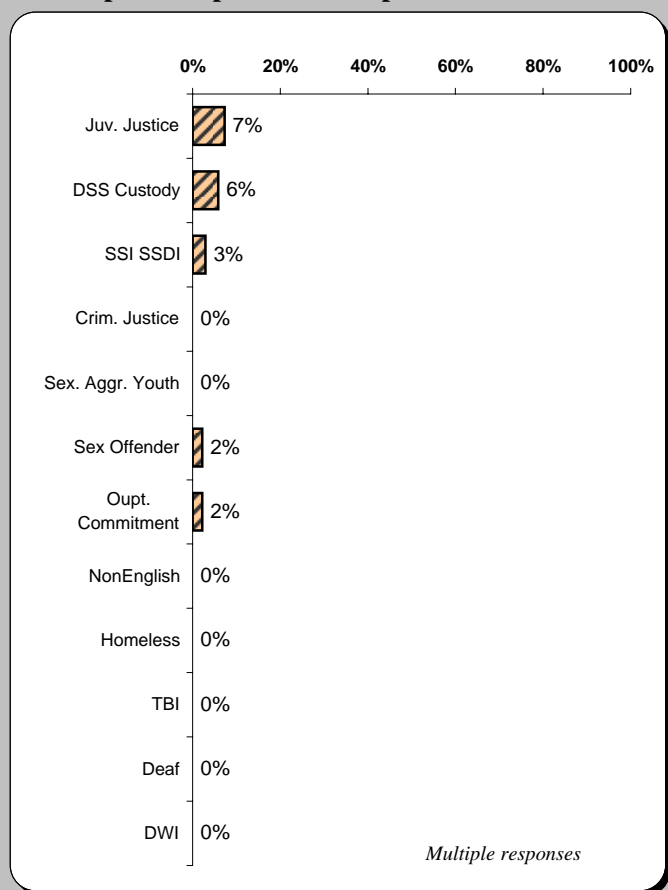
2-1: Gender and Ethnicity



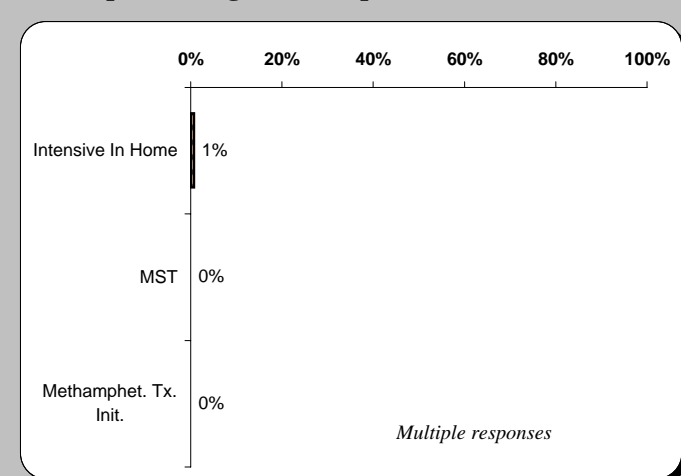
2-2: IPRS Target Populations at Update



2-3: Special Populations at Update



2-4: Special Programs at Update

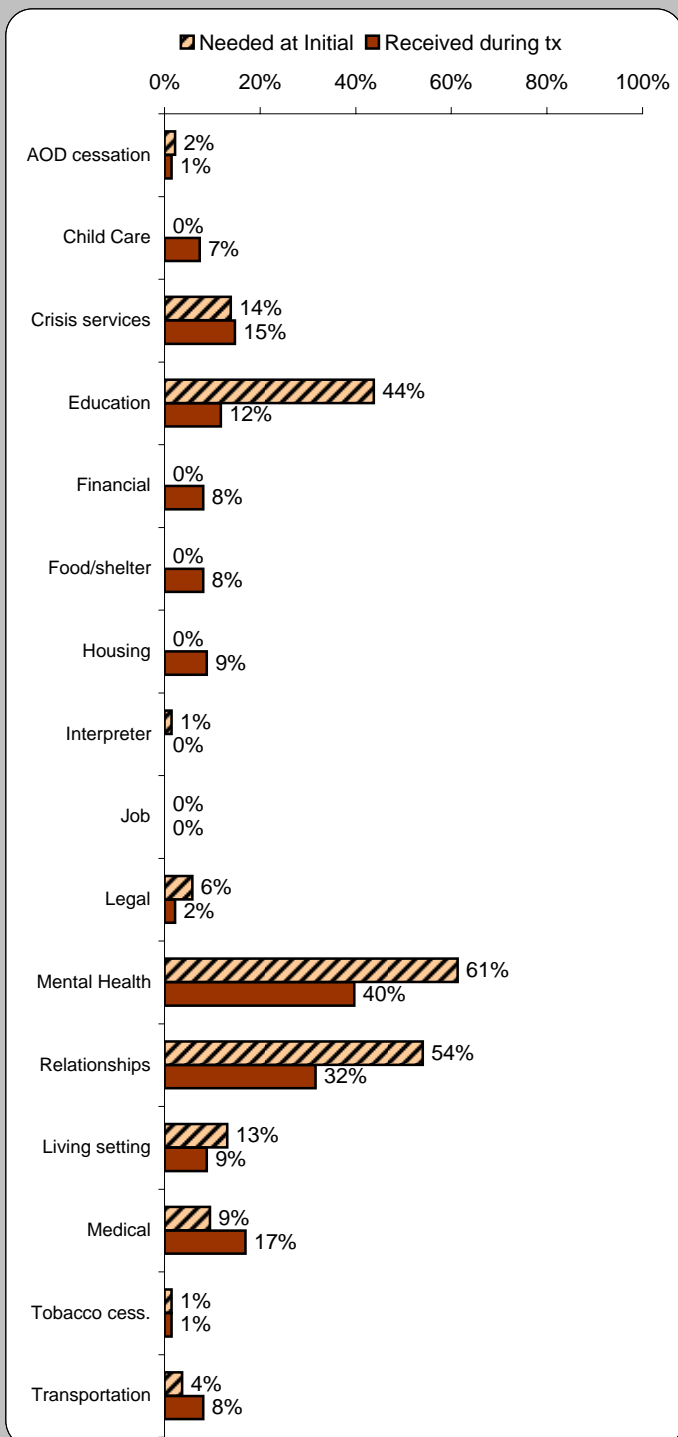


Note: See appendix for definitions of acronyms used on this page.

Number of matched Initial/Update Interviews: Johnston = 137

3-1: Services Needed and Received

This chart compares information from the Initial Interview about whether a service area is very important to information from the Update Interview about whether the service was received during treatment.



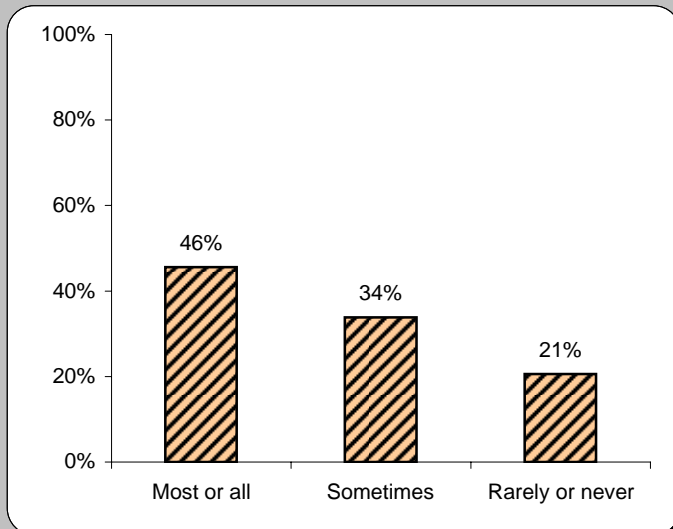
3-2: DSM-IV Diagnoses at Update

Diagnostic Category

| | |
|-------------------------------|-----|
| ADD | 43% |
| Oppositional defiant disorder | 25% |
| Major depression | 19% |
| Conduct disorder | 7% |
| Disruptive behavior | 9% |
| Bipolar disorder | 27% |
| PTSD | 7% |
| Anxiety disorder | 4% |
| Drug abuse | 4% |

Only most common diagnoses shown. Multiple response

3-3: Attendance at Scheduled Treatment Sessions, During Treatment Since Last Interview



3-4: Family Involvement with Treatment Services and Person-Centered Planning Since the Last Interview

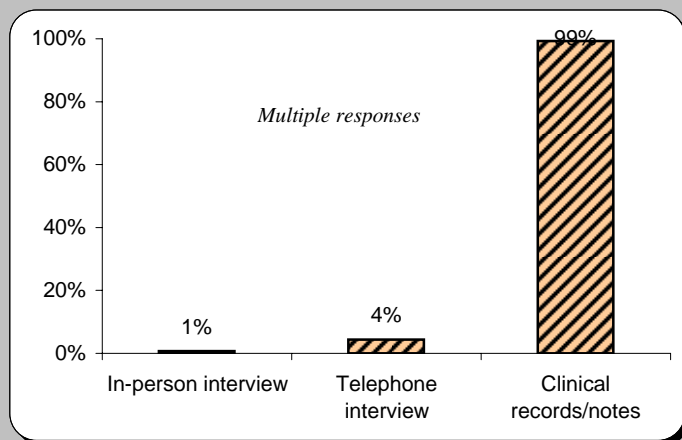
Family Involvement with...

| | |
|--------------------------|-----|
| Services and/or planning | 71% |
| Treatment Services | 71% |
| Person-centered planning | 15% |

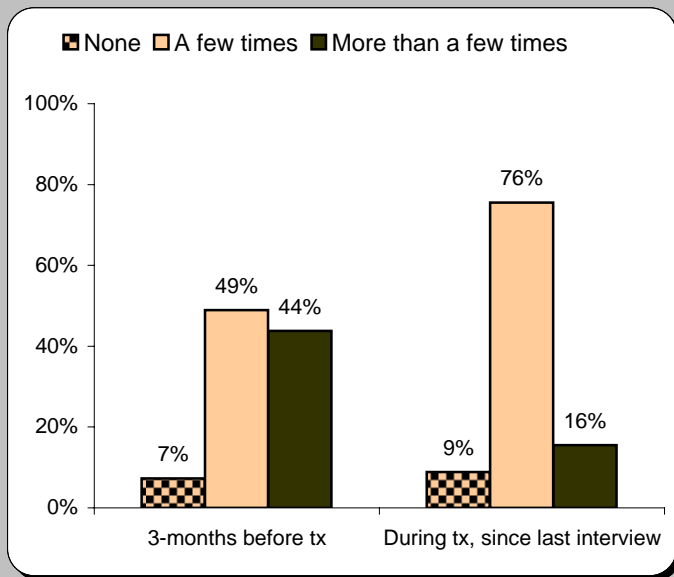
Part II

Charts and Graphs 4-2 thru 5-9 show consumers' daily activities, living situation, substance use, and arrests. Some graphs and tables compare information collected at the Initial with information collected in the Update. Initial information is designed to be collected by means of a personal interview with the consumer. The preferred method for completing the Update items in this section is a personal interview; however, a telephone interview, clinical records, and/or notes can also be used. The following chart shows how it was completed for the current group of consumers:

4-1 Update Data Collection Method



4-2: How Often Problems Interfere with Work, School, or Other Daily Activities



Number of matched Initial/Update Interviews: Johnston = 137

4-3: Enrollment in Academic Program

| Enrolled in.... | Initial Interview | Update Interview |
|-----------------------------------|-------------------|------------------|
| Any academic program | 92% | 92% |
| Academic School (K-12) | 78% | 82% |
| Alternative Learning Program(ALP) | 14% | 17% |
| Technical or Vocational School | 0% | 0% |
| GED | 1% | 1% |

4-4: Students in K-12 who Received Mostly A's, B's, and C's at Most Recent Grading Period

| Of those in K-12 | Initial Interview | Update Interview |
|-----------------------------------|-------------------|------------------|
| Received mostly A's, B's, and C's | 78% | 79% |

4-5: School Expulsion, Suspension and Truancy

| Of those enrolled in K-12 who missed school due to | 3-months before tx | Since last interview |
|--|--------------------|----------------------|
| Expulsion | 2% | 1% |
| Suspension | 15% | 8% |
| Truancy | 7% | 2% |

4-6: Justice System Involvement

1% of Johnston consumers were under adult correctional supervision and 7% were under the juvenile correctional supervision at the time of the Update Interview.

4-7: Arrested or In Trouble with the Law

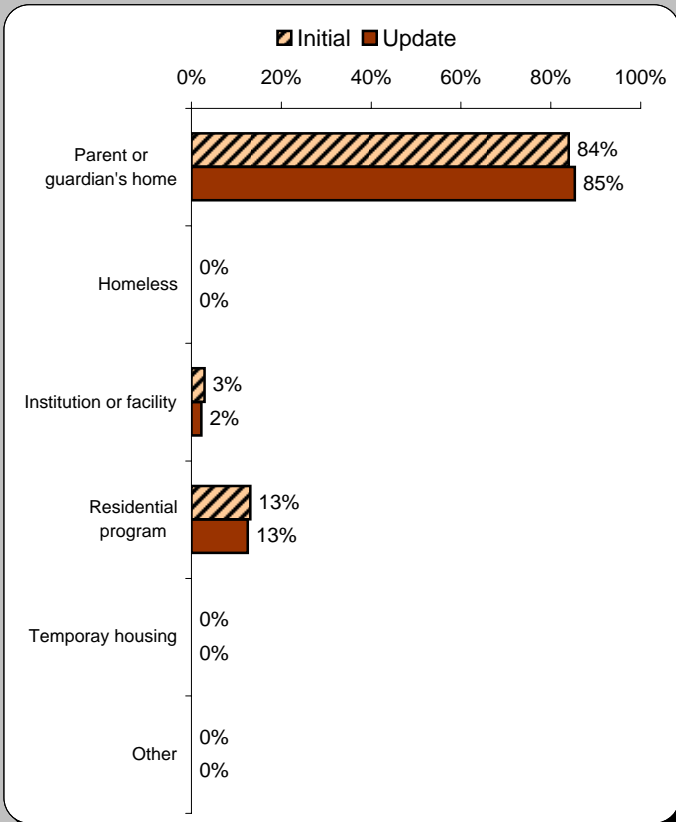
| | 6-months before tx | Past Month or since last interv. |
|-------------------------|--------------------|----------------------------------|
| In trouble with the law | 9% | 4% |
| Any arrest | 5% | 1% |
| Misdemeanor arrest | 5% | 1% |
| Felony arrest | 0% | 1% |

Note: Time period for Update changed from since last interview to past month.

4-8: Carried Weapon Such as Knife or Gun

| | 3-months before tx | During tx since last interview |
|----------------------|--------------------|--------------------------------|
| Carried knife or gun | 4% | 7% |

5-1: Where Lived



5-2: Number Living in Special Circumstances

| Where lived most of time | 3 Months before Tx | Since last interview |
|--|--------------------|----------------------|
| Homeless sheltered | 0 | 0 |
| Homeless unsheltered | 0 | 0 |
| Foster home | 1 | 0 |
| Therapeutic foster home | 4 | 3 |
| Level III Group Home | 12 | 12 |
| Level IV Group Home | 0 | 2 |
| Halfway house | 0 | 0 |
| State residential treatment center | 1 | 0 |
| SA residential treatment facility | 0 | 0 |
| Psychiatric residential treatment facility | 1 | 0 |
| Total living in special circumstances | 19 | 17 |
| --Of the total, number in home community | 9 | 5 |

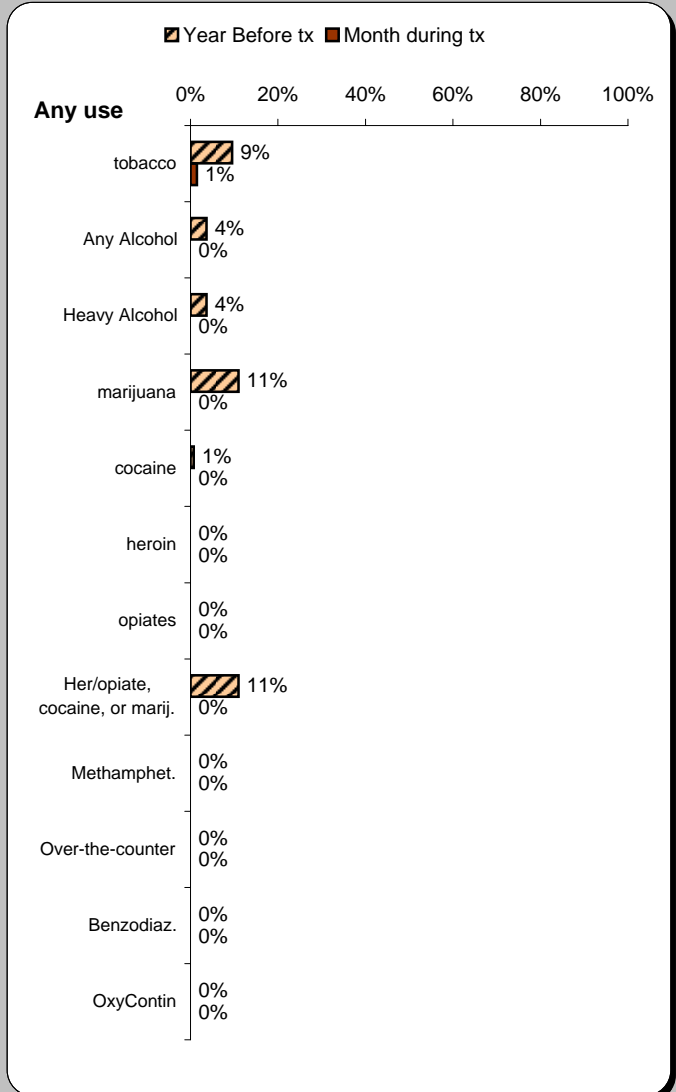
5-3: Have Own Children

1% of Johnston consumers have children of their own.

5-4: Times Moved Residences Since Last Interview

| | |
|----------------|-----|
| None | 92% |
| Once | 7% |
| More than once | 1% |

5-5: Substance Use



5-6: Cigarette Smoking

| | Month before tx | Month during tx |
|----------------------------|-----------------|-----------------|
| Smoke cigarettes | 8% | 1% |
| Smoke a pack a day or more | 1% | 0% |

Part III

Part III compares Initial information with information from Section III of the Update Interview. Section III has questions that must be answered by the consumer. If the consumer is not available, these items are skipped and left blank. Because this information is so valuable, it is important to have the consumer available at each Update interview.

*** 0 of the 137 (0%) of Johnston interviews included a personal interview with the consumer.**

Since there are fewer than 20 consumers responding to these items, these data are not displayed.

If sufficient Updates with personal interviews were available, charts and graphic information would be presented showing:

- Severity ratings for mental health symptoms
- Suicidal thoughts
- Self-destructive behavior
- Risky sexual activity
- Aggressive behavior such as hitting another person
- Experiencing physical violence
- Experiencing sexual violence
- Participating in positive activities such as self-help groups
- Taking psychotropic medications
- Quality of life ratings on physical health, emotional well-being
- Types of health care services received
- Ratings of helpfulness of 11 program services

| Acronym or Term | Definition |
|------------------------|--|
| ACT | Assertive Community Treatment |
| ADMRI | Target population: Adult with both mental retardation and mental illness |
| ADSN | Target population: Adult with Developmental Disability |
| Af American | African American |
| AMOLM | Target population: Adult consumer receiving Olmstead services |
| AMPAT | Target population: Adult MH consumer who is homeless (PATH program). |
| AMSMI | Target population: Adult with serious mental illness |
| AMSPM | Target population: Adult with serious and persistent mental illness |
| AOD | Alcohol or other drugs |
| ASCDR | Target population: Adult SA injection drug user at risk for communicable disease |
| ASCJO | Target population: Adult SA who is a criminal justice offender |
| ASDHH | Target population: Adult SA consumer who is deaf or hard of hearing |
| ASDSS | Target population: Adult SA consumer who is involved with DSS |
| ASDWI | Target population: Adult SA consumer who is receiving DWI offender treatment |
| ASHMT | Target population: Adult with a chronic substance abuse disorder |
| ASHOM | Target population: Adult SA consumer who is homeless |
| ASWOM | Target population: Adult SA consumer who is pregnant or has dependent children |
| Assessmt | Assessment |
| Benzodiaz. | Benzodiazepine(s) |
| Buprenorph. | Buprenorphine |
| CASAWORKS | Residential program initiative designed to help substance abusing women |
| Cauc. | Caucasian |
| Crim. Justice or CJ | Criminal Justice |
| CST | Community support team |
| Detox | detoxification |
| DSM | Diagnostic and Statistical Manual (Edition IV) |
| DSS | Division of Social Services |
| DWI | Driving while Impaired |
| GED | General Education Diploma (High School Equivalency) |
| H or I felon | Class H or I felon (controlled substance) who applied for food stamps |
| Her | Heroin |
| HS | High School |
| Inpt. | Inpatient |
| Marij. | Marijuana |
| Med. Mgmt. | Psychiatric medication management services |
| Methamphet. | Methamphetamine(s) |
| Methamphet. Tx. Init. | Methamphetamine Treatment Initiative |
| MH | Mental Health |
| Outpt. Commitment | Outpatient Commitment |
| PSR | Psychosocial rehabilitation |
| PTSD | Post-traumatic Stress disorder |
| SA | Substance Abuse or Substance Abuser |
| SSI/SSDI | Supplemental Security Income or Social Security Disability Insurance |
| TASC | Treatment Accountability for Safer Communities |
| TBI | Traumatic brain injury |
| Tx | Treatment |
| Work First | DSS program for temporary assistance to needy families |

Note; Refer to web page for more complete definitions of target populations:

<http://www.dhhs.state.nc.us/mhdd/sas>